Index of Claims



Application/Control No.

10/506,977

Examiner

Betelhem Shewareged

Applicant(s)/Patent under Reexamination

YOSHIDA ET AL.

Art Unit

1774

√	Rejected
=	Allowed

-	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
_	Interference

A	Appeal
0	Objected

Claim Date Image: September 1 Image: September 2 1 Image: September 2 1 Image: September 2 2 Image: September 2 3 Image: September 2 4 Image: September 2 5 Image: September 2 6 Image: September 2 7 Image: September 2 8 Image: September 2 9 Image: September 2 10 Image: September 2 11 Image: September 2 11 Image: September 2 11 Image: September 2 11 Image: September 2 12 Image: September 2 13 Image: September 2 14 Image: September 2 15 Image: September 2 16 Image: September 2 17 Image: September 2 11 Image: September 2 12 Image: September 2 13 Image: September 2 14 Image: September 2 15<				-														_
Tell Feet Feet	Cla	aim			_		Date	<u>e</u>]	Cla	aim				_
1			3/1/07										Final	Original				
4 √ 54 5 √ 55 6 √ 57 8 √ 58 9 √ 60 11 √ 61 12 √ 62 13 √ 63 14 64 64 15 65 66 16 66 66 17 67 68 19 69 70 21 71 71 22 72 72 23 73 74 25 75 75 26 76 77 27 77 77 28 78 8 29 79 30 30 80 80 31 81 82 33 83 84 35 85 86 37 87 88 39 40 90 41 91 91														51				İ
4 √ 54 5 √ 55 6 √ 57 8 √ 58 9 √ 60 11 √ 61 12 √ 62 13 √ 63 14 64 64 15 65 66 16 66 66 17 67 68 19 69 70 21 71 71 22 72 72 23 73 74 25 75 75 26 76 77 27 77 77 28 78 8 29 79 30 30 80 80 31 81 82 33 83 84 35 85 86 37 87 88 39 40 90 41 91 91		2	√				<u> </u>							52		<u> </u>	L	Į
5 √ 6 √ 7 √ 8 √ 9 √ 10 √ 60 61 11 √ 61 62 13 √ 63 64 15 65 16 66 17 67 18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 99 40 90					<u> </u>		_		<u> </u>		ļ			53	_		$ldsymbol{oxed}$	ļ
6 √ 7 √ 8 √ 9 √ 10 √ 60 60 11 √ 61 61 12 √ 62 63 14 64 15 65 16 66 17 67 18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91		4		<u> </u>	!	<u> </u>	_	<u> </u>	<u> </u>		<u> </u>			54		_	┞-	+
7 √ 8 √ 9 √ 10 √ 60 60 11 √ 61 62 13 √ 63 63 14 64 15 65 16 66 17 67 18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94			1	\vdash			├		 	-	⊢				_	-	⊢	╀
8 √ 9 √ 10 √ 11 √ 60 61 11 √ 62 63 13 √ 63 63 14 64 65 65 16 66 17 67 18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 94 <tr< td=""><td></td><td>-</td><td></td><td>\vdash</td><td>⊢</td><td>⊢</td><td> </td><td></td><td>⊢</td><td>_</td><td>-</td><td>ł</td><td></td><td></td><td>-</td><td>\vdash</td><td>├</td><td>╀</td></tr<>		-		\vdash	⊢	⊢			⊢	_	-	ł			-	\vdash	├	╀
9				-	├-	-	\vdash	├	┢	-	┢╌	1		58	-		├-	t
10				\vdash	┢		┢	-	┢		┝	ł		50	\vdash	┝	⊢	t
11 √ 61 12 √ 62 13 √ 63 14 64 64 15 65 66 16 66 67 18 68 69 20 70 71 21 71 72 23 73 73 24 74 74 25 75 76 27 77 77 28 79 79 30 80 81 31 32 82 33 84 84 35 85 86 37 88 89 40 90 90 41 91 92 43 94 94 45 96 96 47 97 97 48 99 99	-			-	-	┢	1-	-	\vdash			1			┢		-	t
12 √ 62 13 √ 63 14 64 65 15 66 65 16 67 67 18 68 69 20 70 71 21 71 72 23 73 74 25 75 75 26 76 77 28 78 79 30 80 81 31 81 82 33 83 84 35 86 86 37 87 88 39 90 90 41 91 91 42 92 93 43 94 94 45 95 96 47 97 98 48 99 99					H	\vdash	\vdash	t	\vdash	 	┢	i		61	_	 	 	t
13 √ 63 14 64 15 65 16 66 17 67 18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 95 46 96 47 97 48 99	\vdash		Ì		⇈			-	-		\vdash	1		62		_	\vdash	t
14 64 15 65 16 65 17 68 19 68 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 95 46 96 47 97 48 98 49 99		13			Г							i				\vdash	Г	Ť
15 65 16 66 17 68 19 69 20 70 21 71 22 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 45 96 47 97 48 98 49 99		14]		64			Г	T
17 18 68 19 68 69 20 70 71 21 71 72 23 73 74 25 75 75 26 76 77 28 79 79 30 80 81 32 82 82 33 83 83 34 84 84 35 85 86 37 87 88 39 89 89 40 90 90 41 91 92 43 94 44 45 95 95 46 96 97 48 99 99					Π									65				T
17 18 68 19 68 69 20 70 71 21 71 72 23 73 74 25 75 75 26 76 77 28 79 79 30 80 81 32 82 82 33 83 83 34 84 84 35 85 86 37 87 88 39 89 89 40 90 90 41 91 92 43 94 44 45 95 95 46 96 97 48 99 99														66				Ι
19 69 20 70 21 71 22 73 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	L.					L			<u> </u>					67			L	
20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u></u>							_		_	L_			68		_	上	ļ
21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>	19	L		<u> </u>			<u>. </u>		_	_			69		<u> </u>	<u>_</u>	1
22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			L.		<u> </u>	١	<u> </u>	_	_	_	<u> </u>					ļ	<u> </u>	1
23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	-				<u> </u>	_	<u> </u>	_	_	-				71	\vdash	<u> </u> _	⊢	╀
24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>	22	-	_	⊢	l—	├-	-	├	\vdash	⊢			72	H	┝	⊢	╀
25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			H	-		-	-		 	-	-	1				-	├	╀
26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		25	H			-	<u> </u>	-	-	\vdash	\vdash			75	H	┝	├─	ł
27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>	26	\vdash		┢	╁	┢		-	\vdash	-			76	-	\vdash	┢	t
28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			\vdash		Т	┢	\vdash	_	<u> </u>		_			77		\vdash	┢	t
29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99			М			\vdash	Ė			-	\vdash			78	-	-	┢	t
30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99					Г			Τ									┌	t
32 82 33 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		30										1		80			Г	T
33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99														81				Ι
34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		32												82			\Box	I
35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99				_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	$oxedsymbol{oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$		L			83		Ĺ	匚	Ĺ
36 86 37 88 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u></u>		Щ	_	<u> </u>	<u> </u>	 	<u> </u>	<u> </u>	L_	<u> </u>			84	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	L	L	ļ
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>	35	Ш	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>			\vdash			85	<u> </u>	L-	<u> </u>	ļ
38 88 39 90 40 91 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>	36	\sqcup	ļ	<u> </u>	<u> </u>	<u> </u>	<u> </u>	\vdash	<u> </u>	<u> </u>			86	\vdash	<u> </u>	<u> </u>	ļ
39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>		\vdash	-	\vdash	-	\vdash	_	-	-	-				\vdash	_	\vdash	+
40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			Н			-	\vdash	\vdash	 	—	-			88	\vdash	-	 	+
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			\vdash		\vdash	-	-	-	\vdash	-	-			90		-	\vdash	+
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			Н		├	\vdash	\vdash	\vdash	-	┢╌	\vdash			91	\vdash	-	⊢	t
43 93 44 94 45 95 46 96 47 97 48 98 49 99			H		 		-	H	-	\vdash	\vdash	1			\vdash	-	\vdash	t
44 94 45 95 46 96 47 97 48 98 49 99			Н		H			\vdash	\vdash	\vdash	\vdash			93	\vdash	┢	\vdash	t
45 95 46 96 47 97 48 98 49 99						Г			<u> </u>			1				Г		t
46														95			Г	T
47 97 98 98 99 99		46												96			Г	T
49 99 99														97				Γ
					匚									98				Ĺ
[50	\sqcup	49	Ш		L.	L_	Щ	Ш		L	L				Ш	L.	L	Ţ
		50			L.	L	L	L		L	L_			100	Ш	L	L_	

Cla	Date									
	I	┢	Г	П	Т				Ι	
Final	Original								,	
	51	-	Ι.	1	<u> </u>		_			Т
	51 52									$\overline{}$
	53									
	54				Г					
	55									
	56									
	57									
	58									
	59									
1	60									
	61									
	62	L	L							
	63									
	64			L			L	L	L_	
	65	L								L
	66	L								匚
	67	L	<u> </u>						<u></u>	
	68		_					L		
	69	_	_	_						_
	70	L	L					L		_
	71	lacksquare	_	┕				<u>_</u>	_	L.
	72	<u> </u>	_	L			_	_	_	<u> </u>
	73		_	<u> </u>				_	Ŀ	_
	74	<u> </u>	_	_	_		_	_	<u> </u>	
<u> </u>	75	<u> </u>	_	ļ				<u> </u>	_	_
-	76	<u> </u>	<u> </u>	_	_		_	<u> </u>	<u> </u>	_
	77	<u> </u>	-	 	.			⊢	<u> </u>	
-	78		┝	<u> </u>	-			<u> </u>	-	
-	79 80	\vdash	-	-	\vdash			├	⊢	\vdash
		<u> </u>		H	_		_	┝	-	
	81 82	-		-	-		_	⊢	-	-
\vdash	83	-	├	┝	-	_			\vdash	-
-	84	┝	┝	\vdash		_		├	\vdash	
-	85	\vdash	\vdash	 	\vdash		-	\vdash	-	-
	86	\vdash	┢	╁	 - 	\vdash		\vdash	\vdash	
_	87	\vdash	┢	┝	-	_		-	 	
\vdash	88	┢	_	H	Н	_		┢╌	\vdash	
	89	\vdash	┢	-	-		-	-	-	-
	90	_	-					\vdash		\vdash
	91		<u> </u>	\vdash	-		_	 		
1	92	Г	Т	\vdash		Т	Т	T		Г
	93		<u> </u>	Γ	Г					Г
	94		Г					Γ		Г
	95									
	96									
	97									
	98									
	99		L.							
	100			l						

Cl	Date									
							П		Г	
a	Original							1		
Final	ıġ							1	1	
}	0								1	
	101	Г				Г	┢		Ι-	П
	102		Т	Г						
	103		Т	一		Г				
	104	\vdash		_		\vdash	i			
	105	П		Т			<u> </u>			
	106									
	107									
	108		_	\vdash			Г			
	109						<u> </u>			
	110									
	111									
	112		Г		Г	Г	Г	Г		
	113	Г			Г		Γ			\Box
[112 113 114 115									П
	115									
	116									
	117									
	117 118									
	119									
	120 121 122			Г						
	121									
	122									
	123 124 125 126 127									
	124									
	125									
	126									
	127									
	128 129 130									
	129									
	130									
	131 132									
	132									
	133									
	134			\Box	oxdot					
	135					L			L	
	134 135 136	L	L				<u> </u>	L	<u> </u>	Ш
	137 138			_			Ĺ	L_	<u> </u>	Ш
	138						L_		L_	
L	139	L	_			L	<u> </u>	L_	L	Ш
	140	L_	<u>_</u>	<u> </u>	L_	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	<u> </u>	<u> </u>	<u> </u>	Щ
	141	L_	L.	L_	L		<u> </u>	L_	L	Ш
	142	<u> </u>		<u> </u>		_	<u> </u>		<u> </u>	
<u> </u>	143	<u> </u>	L	<u> </u>	L	<u> </u>	<u> </u>	_	<u> </u>	Ш
	144	<u> </u>	L.	<u> </u>	L	ᆫ	<u> </u>	Ш	L_	Ш
	145	<u> </u>	L_	<u></u>	$ldsymbol{ld}}}}}}}}}$	L	<u> </u>	L	L	Ш
	146	<u> </u>	<u> </u>	_	L_	L_	<u> </u>	لــــا	L.	Ш
	147	<u>_</u>	L	<u> </u>		L_			L	Ш
L	148	L			L_	L	<u></u>	$oxedsymbol{oxed}$	L_	
	149			$oxed{oxed}$		L	_	L	L	Ш
	150			<u> </u>						